Estimation of managed loblolly pine stand age and density with Landsat ETM+ data
R. Sivanpillai, C.T. Smith, R. Srinivasan, M.G. Messina and X.B. Wu (College Station, TX, USA) 247
Spatial patterns of regeneration in managed uneven-aged ponderosa pine/Douglas-fir forests of Western Montana, USA
A. Fajardo, J.M. Goodburn and J. Graham (Missoula, MT, USA) 255
Leaf inorganic phosphorus as a potential indicator of phosphorus status, photosynthesis and growth of *Eucalyptus grandis* seedlings
D.S. Thomas (South Penrith, Australia), K.D. Montagu (Beecroft, Australia) and J.P. Conroy (South Penrith, Australia) 267
Stand structure and growth of *Abies magnifica* responded to five thinning levels in northeastern California, USA
J. Zhang and W.W. Oliver (Redding, CA, USA) 275
Early settlement forest structure in Black Hills ponderosa pine forests
P.M. Brown (Ft. Collins, CO, USA) and B. Cook (Custer, SD, USA) 284
Biomass equations and carbon content of aboveground leafless biomass of hybrid poplar in Coastal British Columbia
L.M. Zabek and C.E. Prescott (Vancouver, Canada) 291
Regeneration patterns and tree species coexistence in old-growth *Abies–Picea* forests in southwestern China
A.H. Taylor (Univesity Park, PA, USA), S.W. Jang, L.J. Zhao, C.P. Liang, C.J. Miao and J. Huang (Sichuan, People's Republic of China) 303
The differential effects of dwarf mistletoe infection and broom abundance on the radial growth of managed ponderosa pine
S. Stanton (Portland, OR, United States) 318
Edge type defines alien plant species invasions along *Pinus contorta* burned, highway and clearcut forest edges
A. Pauchard (Concepción, Chile) and P.B. Alaback (Missoula, MT, USA) 327
Aggregate height—A composite measure of stand density for tree seedling populations
S. Fei (Lexington, KY, USA), P.J. Gould, K.C. Steiner and J.C. Finley (University Park, PA, USA) 336
Influence of pre-commercial thinning of balsam fir on defoliation by the balsam fir sawfly
D.P. Ostaff, H. Piene, D.T. Quiring (Fredericton, Canada), G. Moreau (Moncton, Canada), J.C.G. Farrell (Fredericton, Canada) and T. Scarr (Sault Ste. Marie, Canada) 342
Short-term effects of wood ash on the soil and the lignin concentration and growth of *Pinus sylvestris* L.
M. Mandre, H. Pärn and K. Ots (Tallinn, Estonia) 349
A twin-plot approach to determine nutrient limitation and potential productivity in *Eucalyptus* plantations at landscape scales in Brazil
J.L. Stape (Sao Paulo, Brazil), D. Binkley (Ft. Collins, CO, USA), W.S. Jacob and E.N. Takahashi (Sao Paulo, Brazil) 358
Silvicultural interpretation of natural vegetation dynamics in ageing Scots pine stands for their conversion into mixed broadleaved stands
V. Kint (Brussels, Belgium), G. Geudens (Melle-Gontrode, Belgium), G.M.J. Mohren (Wageningen, The Netherlands) and N. Lust (Melle-Gontrode, Belgium) 363
Influence of seasonal planting date on field performance of six temperate deciduous forest tree species
J.R. Seifert (Butlerville, IN, USA), D.F. Jacobs and M.F. Selig (West Lafayette, IN, USA) 371
Quantifying Australian forest floristics and structure using small footprint LiDAR and large scale aerial photography
P.K. Tickle, A. Lee (Canberra, Australia), R.M. Lucas (Ceredigion, United Kingdom), J. Austin (Canberra, Australia) and C. Witte (Indooroopilly, Australia) 379
An application of fuzzy set theory for seral-class constraints in forest planning models
M. Boyland (Ottawa, Canada), J. Nelson, F.L. Bunnell (Vancouver, Canada) and R.G. D'Eon (Nelson, Canada) 395
Effects of silvicultural treatments on survival and growth of trees planted on reclaimed mine lands in the Appalachians
C.N. Casselman, T.R. Fox, J.A. Burger, A.T. Jones and J.M. Galbraith (Blacksburg, VA, USA) 403
Carbon sequestration potential by afforestation of marginal agricultural land in the Midwestern U.S.
X. Niu and S.W. Duiker (University Park, PA, USA) 415
Influence of humans and climate on the fire history of a ponderosa pine-mixed conifer forest in the southeastern Klamath Mountains, California
D.L. Fry and S.L. Stephens (Berkeley, CA, United States) 428
Recovery of American chestnut characteristics following hybridization and backcross breeding to restore blight-ravaged *Castanea dentata*
M. Diskin, K.C. Steiner (University Park, PA, USA) and F.V. Hebard (Meadowview, VA, USA) 439

Book reviews

Forest Climbing Plants of West Africa—Diversity, Ecology and Management
R.F. Fisher (Diboll, TX, United States) 448
The Herbaceous Layer in Forests of Eastern North America
R.F. Fisher (Diboll, TX, United States) 448

Corrigendum

Corrigendum to "Sustainability of timber harvesting in Bolivian tropical forests" [For. Ecol. Manage. 214 (2005) 294–304]
E. Dauber (Santa Cruz, Bolivia), T.S. Fredericksen (Ferrum, VA, USA) and M. Peña-Claros (Santa Cruz, Bolivia and Ferrum, VA, USA) 449

Contents of *Forest Ecology and Management*, Volume 223 450